

# FILE NOTATIONS

Entered in NID File ✓  
 Entered On S R Sheet ✓  
 Location Map Pinned ✓  
 Card Indexed ✓  
 I W R for State or Fee Land         

Checked by Chief PMB  
 Copy NID to Field Office ✓  
 Approval Letter ✓  
 Disapproval Letter         

## COMPLETION DATA:

Date Well Completed 12-23-63 Location Inspected           
 OW          WW          TA          Bond released           
 GW          OS          PA ✓ State of Fee Land         

## LOGS FILED

Driller's Log 12-27-63  
 Electric Logs (No. ) 2

E          I          E-I ✓ GR          GR-N          Micro           
 Lat.          Mi-L          Sonic GR Others         

Subsequent Report of Abandonment

8-23-91  
 JCR

# DAVIS OIL COMPANY

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661



November 26th, 1963

511 - 5TH AVENUE  
NEW YORK 17, N. Y.  
CASPER, WYOMING

Mr. P. T. McGrath  
U. S. G. S.  
P. O. Box 959  
Farmington, New Mexico

RE: DAVIS OIL -#1 SUPERIOR ~~NO~~ *NAVAJO*  
NW NW Section 15-42S-24E, SLM  
San Juan County, Utah

Dear Sir:

We enclose herewith for your approval the original and 4 copies of our Intent to Drill the captioned test, together with 5 copies of the official staking plat. It is our understanding that the Designation of Operator has been sent to your office directly from The Superior Oil Company, and we request the proper Navajo Contract No. be inserted on all copies of the Intent to Drill enclosed herewith so that all records will be complete.

By copy of this letter we are furnishing the Oil and Gas Conservation Commission of Utah with 2 copies each of the Notice of Intent to Drill, and Staking Plat, for this test. This letter will serve also to notify the Commission that the Designation of Agent filed with the Commission under date of November 1, 1962 is still in force and that said Luther Eggertson will remain as our agent for notices etc. on the above test.

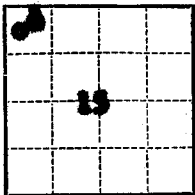
Your early attention to approval of this test well intention will be greatly appreciated.

Yours very truly,

DAVIS OIL COMPANY

*Paul Messinger*  
Paul Messinger  
Exploration Manager

CC: Utah O&G Comm, 310 Newhouse Bldg, SLC 11, Utah  
Luther Eggertson, 702 Walker Bldg, SLC, Utah



*Copy H. L. E.*

(SUBMIT IN TRIPLICATE)

Indian Agency **NAVAJO**  
**WINDOW ROCK, ARIZONA**  
Allottee \_\_\_\_\_  
Lease No. \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

NOVEMBER 16, 19 63

#1 SUPERIOR FID *Nature*

Well No. \_\_\_\_\_ is located 660 ft. from [N] line and 660 ft. from [W] line of sec. 15

(NW NW Sec. 15)

(1/4 Sec. and Sec. No.)

T. 42 S., R. 24 E., of 31N

(Twp.)

(Range)

(Meridian)

WILDCAT

SAN JUAN

UTAH

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the surface above sea level is 5527.0 ft. ground level, ungraded.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

OBJECTIVE: Formation: Top of the Salt  
Est. T.D.: 6000'  
Size Rotary Hole: 7-7/8" hole below surface casing.

CASING: Surface: 8-5/8" set at 200', (not circ to surface).  
Intermediate: only in event of low circulation trouble.  
Oil String: 5 1/2" set thru producing zone, cased to displace 1000'

LOGGING: IES: Base of Surface to Total Depth  
GNS: Base of Surface to Total Depth

Good oil field practice will be used in determining the necessity of coring and/or drill stem testing any shows of oil or gas encountered during the drilling of said hole.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **DAVIS OIL COMPANY**  
**1020 Midland Savings Building**  
Address **Denver, Colorado 80202**

By *Paul Messinger*  
**Paul Messinger**  
Exploration Manager  
Title \_\_\_\_\_

Company DAVIS OIL COMPANY

Lease Lease Well No. #1 Supercharge

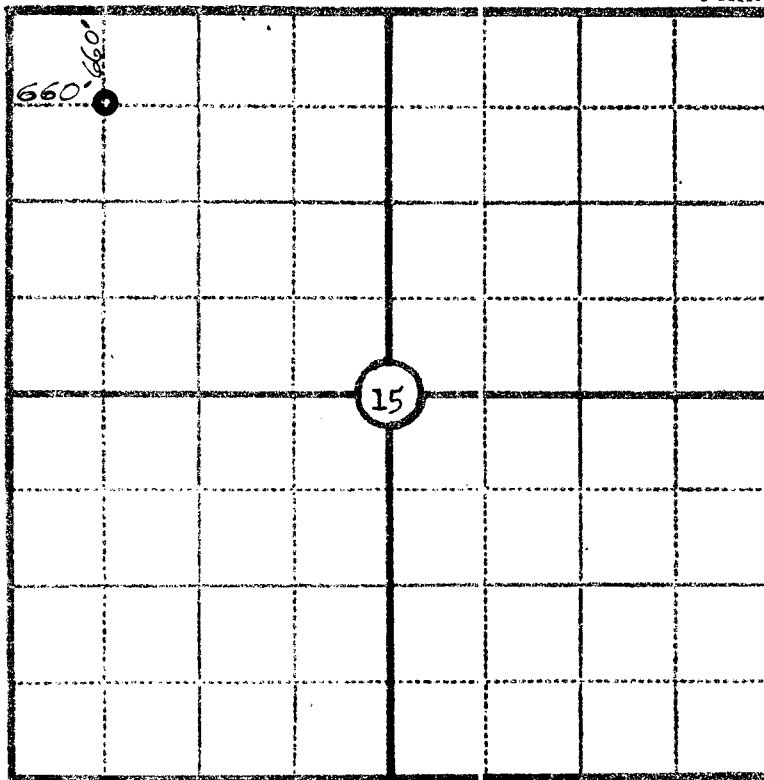
Sec. 15, T 42 S, R 24 E

Location 660 feet from the NORTH LINE and 660 feet from the WEST LINE.

Elevation 5527.0 UNGRADED GROUND

SAN JUAN COUNTY

UTAH



Scale—4 inches equal 1 mile

This is to certify that the above plat was prepared from field note of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

*James P. Lees*  
Registered Land Surveyor.

James P. Lees,  
Utah Reg. No. 1472

Surveyed 12 November, 1963

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

Copy - as + Sub.

1. 27-6-3

Form 9-1123

FARMINGTON OFFICE COPY

(Submit in Triplicate)

SUPERVISOR, OIL AND GAS OPERATIONS:

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of <sup>Indian Affairs</sup> ~~Land Management~~, holder of oil and gas lease

DISTRICT LAND OFFICE: Navajo Agency, Window Rock, Arizona  
SERIAL No.: Contract No: 14-20-603-369

and hereby designates

NAME: Davis Oil Company  
ADDRESS: 1020 Midland Savings Bldg.  
Denver 2, Colorado

as his operator and agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

San Juan County, Utah

T-42-S. R - 24-3

Section 15: All

Section 16: All

Section 21: All

Section 22: All

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

ATTEST:

By: [Signature]  
Assistant Secretary

NOV 21 1963

(Date)

THE SUPERIOR OIL COMPANY

By: [Signature]  
Vice President (Signature of lessee)

P. O. Box 1521

Houston 1, Texas

(Address)

OIL & GAS CONSERVATION COMMISSION  
OF THE STATE OF UTAH

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah, hereby appoint LUTHER EGGERTSON, whose address is 702 Walker Building, Salt Lake City, Utah, as its designated agent to accept and to be served with notices from said Commission, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned, further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

EFFECTIVE DATE OF DESIGNATION: November 1st, 1962.


COMPANY:

DAVIS OIL COMPANY  
1020 Midland Savings Building  
Denver 2, Colorado

EXECUTED:

DAVIS OIL COMPANY

by

  
Marvin Davis, General Partner

November 27, 1963

Davis Oil Company  
1020 Midland Savings Building  
Denver, Colorado 80202

Re: Notice of Intention to Drill Well  
No. Superior Navajo #1, 660' FNL &  
660' FWL, C NW NW of Section 15, Town-  
ship 42 South, Range 24 East, SLBM,  
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill  
the above mentioned well is hereby granted.

As soon as you have determined that it will be necess-  
ary to plug and abandon this well, you are hereby requested to  
immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer  
Office: DA 8-5771 or DA 8-5772  
Home: CR 7-2890  
Salt Lake City, Utah

This approval terminates within 90 days if said well  
has not been spudded in within said period.

Enclosed please find Form OGCC-8-X, which is to be com-  
pleted if water sands (aquifers) are encountered while drilling,

November 27, 1963

particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Reference is made to your letter of November 26, 1963 to the U. S. Geological Survey. It would be appreciated if you could forward this office a copy of the Designation of Operator.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT  
EXECUTIVE DIRECTOR

CBF:cnp

cc: P. T. McGrath, District Engineer  
U. S. Geological Survey  
Farmington, New Mexico  
  
H. L. Coonts, Petroleum Engineer  
Oil & Gas Conservation Commission  
Moab, Utah



# THE SUPERIOR OIL COMPANY

P. O. BOX 1469

FARMINGTON, NEW MEXICO

December 2, 1963

Mr. Cleon B. Feight  
Executive Director and Secretary  
Oil and Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 11, Utah

Re: Navajo Tribal Lease 14-20-603-369  
San Juan County, Utah  
Our File U-72

Dear Mr. Feight:

Pursuant to the request of Mr. Paul Messinger of Davis Oil Company, we enclose for your file and information a copy of Designation of Operator from The Superior Oil Company to Davis Oil Company covering the captioned Tribal Oil and Gas Lease. The Designation of Operator was filed in triplicate with the United States Geological Survey, Farmington, New Mexico, on November 27, 1963.

Very truly yours,

THE SUPERIOR OIL COMPANY



John W. Kunau

JWK:cs

Enclosure

cc: Paul Messinger w/attachment

PAUL R. BUEHLER

PETROLEUM GEOLOGIST

2775 CRABAPPLE RD.

GOLDEN, COLORADO

PHONE CR 9-4320

December 23, 1963

Davis Oil Company  
1020 Midland Savings Bldg.  
Denver, Colo.

Gentlemen:

Enclosed herewith are a descriptive sample log, core description, chronological log, bit record, slope test record, mud record and plugging procedure from your No. 1 Superior-Navajo, San Juan County, Utah. The formations penetrated and other data are as follows:

DAVIS OIL COMPANY No. 1 SUPERIOR-NAVAJO  
NW NW Sec. 15; T12N; R24E  
San Juan County, Utah

Elev : 5527' grd; 5510' K.B.  
Comm : Nov 29, 1963  
Comp : Dec 23, 1963  
Contr: Circle "A" Drilg Co. Rig #2  
Csg : 8 5/8" @ 201' K.B.  
Mud : Chem Gel.  
Hole Size: 7 7/8"

Top	Chinle	2030'	Schlum
"	Shinarump	2742'	"
"	Moenkopi	2980'	"
"	DeChelly	3200'	"
"	Organ Rock	3430'	"
"	Hermosa	5080'	"
"	Upper Ismay	5946'	"
"	Lower Ismay	6065'	"
"	Paradox shale	6112'	"
"	Desert Creek zone	6139'	"
"	Salt	6299'	"
T.D.		6302'	"

Schlumberger depth was 14 feet deeper than driller.

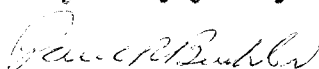
The No. 1 Superior-Navajo was drilled to total depth of 6302' (3' into the salt) without encountering commercial shows of oil or gas or significant porosity. A 50' core, which was commenced at a depth 50' in the Desert Creek zone, recovered 3 1/2 feet of dolomite with very low to no porosity but with oil odor and spotty fluorescence from the Sonic log depth of 6218-6221 1/2'. This was the only show encountered.

Sample quality was poor even though the samples were properly caught and handled by the crews. Drilling rates were slower than usual through the Hermosa section

to total depth and therefore through misinterpretation of drilling time and samples, the sample top picks were in error by considerable from log tops. This too was the reason for drilling into the Desert Creek zone as deep as 50' before commencing to core, however based on producing zones from the nearest wells in section 10 and section 11, it was proper to begin coring at a depth approximately 50' in the Desert Creek zone.

Since no commercial shows had been encountered and none were indicated by the electric logs, the No. 1 Superior-Navajo was plugged and abandoned.

Very truly yours,

  
Paul R. Dushler,  
Geologist

PRE/j

SAMPLE DESCRIPTIONS

Samples examined and logged by Paul R. Buehler, geologist on location. Thirty foot samples were caught from 2500' to 4000'; ten foot samples were caught from 4000' to 6100' and five foot samples were caught from 6100' to T.D.

- 2500-2530 Sh, lt gry & gry grn.  
-2590 Sh, lt gry & sh, red w/ltl chert, gry.

TOP SHINARUMP 2742' Schlum

- 2770 Sh, red, slty, sli gypsiferous.  
-2860 Sh, red, slty, sli gypsiferous.  
-2950 Ls, lav. f. xln, argil; Congl and sh, red, slty.

TOP MOENKOPI 2980' Schlum

- 3040 Ls, pebble, congl & consid chert & sh, red, slty.  
-3070 Sh, lav & sh, red.  
-3100 Sh, lav & sh, gry to lt gry.  
-3190 Sh, lav & sh, gry.

TOP DECHELLY 3200' Schlum

- 3250 Sh, lav & sh, gry; ltl ss, wh, crs, qtzic.  
-3310 Ss, m.g. crs.g. pnk, (drills up free) round, frosted.  
-3370 Ss, m.g.-c rs.g. pnk-orange, round, frosted. (drills up free).  
-3400 Ss, f.g.-crs.g. poorly sorted, pnk-orange (drills up free).

T OP ORGAN ROCK 3430' Schlum

- 3490 Ss, f.g. m.g. pnk, orange, friable.  
-3700 Sh, red & sh, choc brn (consid cavings).  
-3760 Sh, red w/consid cavings.  
-4030 Sh, red, slty.  
-4100 Sh, red, slty w/tr anhydrite.  
-4300 Sh as above, (consid cavings).  
-4500 Same.  
-4800 Sh, red, slty w/ltl anhydrite.  
-4850 Sh, red slty w/consid anhydrite.  
-4900 Sh, red slty & sltst, red-brn, mica w/anhydrite.  
-5000 Sh, red, slty & sltst, red-brn, mica.  
-5070 Sh, red, slty & sltst, red-brn, mica, w/tr ls, tan, f. xln.

TOP HERMOSA 5080' Schlum

- 5080 Ls, crm-wh, f. xln, 25%; Sh, red, slty, 75%.  
-5100 Ls, as above, 15%; Sh, red, slty, 85%.  
-5110 Ls as above, 10%; Sh, red, slty, 90%.  
-5120 Ls, wh, crm, f. xln, 20%; Sh, red, slty, 80%.  
-5140 Sh, red, slty, 90%; Ls, crm-wh, f. xln, 10%.  
-5150 Ls, crm-wh, f. xln w/traces orange chert imbedded 25%; Sh, red, slty, 75%.

Davis Oil Co., #1 Superior-Navajo, San Juan County, Utah

- 5150-5170 Ls, crm-wh, f. xln, arenaceous, 20%; Sh, red, slty, 80%.
- 5190 Sh, red, slty, 90%; Ls as above, 10%.
- 5240 Sh, red, slty w/tr orange chert & Tr ls, wh, f. xln.
- 5270 Ls, crm-wh, f. xln, 20%; Sh, red, 80%.
- 5300 Sh, red; Ltl ls, crm-wh, m. xln.
- 5330 Ls, crm-tan, m.f. xln, 10%; Sh, red, 90%.
- 5370 Sh, red w/ltl ls as above.
- 5380 Same w/ltl ls, wh, v. arenaceous.
- 5390 Sh, red w/tr ls, wh, f. xln.
- 5420 Ls, wh, f. xln, 10%; Sh, red, 90%.
- 5450 Ls, wh-tan, f. xln w/ltl chert, 20%; Sh, red & sh, gry, 80%.
- 5500 Ls, wh, f. xln, v. arenaceous, 10%; Sh as above, 90%.
- 5550 Ls, wh-tan, f. xln, w/ltl chert, 20%; Sh, red & sh, gry, 80%.
- 5600 Sh, red & sh, gry w/tr ls as above.
- 5650 Sh, red & sh, gry w/tr ls as above.
- 5690 Ls, gry-wh, f. xln, 20%; Sh, red & sh, gry, 80%.
- 5700 Sample missing.
- 5770 Sh, red & sh, gry.
- 5800 Ls, gry-wh, f. xln, 5%; Sh, gry & sh, red, 95%.
- 5820 Same.
- 5830 Ls, crm-wh-gry, m. xln, 25%; Sh, red & gry, 75%.
- 5860 Sh, red & sh, gry w/ltl ls as above.
- 5880 Sh, red, & sh, gry w/ltl ls, wh-crm, f. xln.
- 5920 Ls, crm-wh, f. xln, 10%; Sh, red & sh, gry, 90%.

TOP UPPER ISMAY 5946' Schlum

- 5960 Ls, crm-wh, f. xln, 10%; Sh, gry-drk gry & sh, red, 90%.
- 5980 Sh, gry-drk gry.
- 6030 Ls, crm-tan, f. xln, dns & sh, gry-drk gry.
- 6080 Sh, gry w/ltl ls, crm-wh, f. xln & ltl chert.

TOP LOWER ISMAY 6065' Schlum

- 6100 Sh, gry-drk gry w/ltl ls, crm-tan, f. xln.
- 6110 Ls, crm-tan, f. xln-m. xln.
- 6115 Ls, crm-tan, f. xln & m. xln w/tr inter xln por. No show.

TOP PARADOX shale 6112' Schlum

- 6135 Ls, crm-tan, f. xln & m. xln, some chalky. No por.
- 6140 Ls as above; Tr sh, blk, sooty.

TOP DESERT CREEK ZONE 6139' Schlum.

- 6150 Sh, blk, sooty.
- 6160 Sh, blk, sooty.
- 6175 Sh, blk, sooty; Tr dolo, gry-tan, f. xln, argill.
- 6175 Core 1 hr: Dolo, tan-gry, f. xln, slty, argill & sh, blk, sooty.
- CORE #1 6175 to 6225' Drilr; 6139 to 6239' Schlum.
- 6230 Sh, drk gry-blk w/ltl anky.
- 6245 Dolo, tan-drk brn, dns & sh, blk.
- 6250 Ls, crm-tan, f. xln, dns & sh, blk w/ltl dolo, drk brn, dns.

Davis Oil Co., #1 Superior-Navajo, San Juan County, Utah

- 6250-6255 Sh, blk.  
-6270 Dolo, tan-drk brn, argill & sh, blk.  
-6275 Sh, drk gry-blk.  
-6280 Sh, drk gry-blk & Anhy, wh.  
-6285 Same.  
-6288 (Core 1 hr) Sh, drk gry-blk & Anhy, wh.

TOP SALT 6299' Schlum

T.D. 6288' Drlr; 6302' Schlum.

#### CORE RECORD

Core No. 1, 6175-6225' Drlr; 6189-6239' Schlum  
Cut 50'; Recovered 48'

- 6175-6177 (2') Sh, blk, hard, w/thin siltstone interbeds.  
-6179 (2') Dolo, gry-tan, f. xln, dns, argillaceous. No por. No show.  
-6181 (2') Anhydrite, gry, w/blk shale interbeds.  
-6185 (4') Dolo, drk tan-blk, f. xln, dns w/many anhydrite blebs.  
-6197 (12') Dolo, drk, tan, f. xln, dns, argill, w/blk sh interbeds.  
-6201 (4') Anhydrite, gry w/some interbedded dolomite.  
-6202 (1 1/2') Dolo, tan, f. xln, dns, argill.  
-6206 (3 1/2') Dolo, tan, f. xln, dns, argill. Fair to weak oil odor, dull spotty yell fluor. No por.  
-6209 1/2 (3 1/2') Sh, blk, hard.  
-6212 1/2 (3') Dolo, tan, dns, f. xln, No por. No show.  
-6223 (10 1/2') Sh, blk, hard.  
-6225 (2') Lost

To correct core depths to Schlumberger depths, add 1 1/4 feet.

Davis Oil Co., #1 Superior-Navajo, San Juan County, Utah

CHRONOLOGICAL LOG

Nov. 28	Rigging up. Drlg rat hole & mouse hole.
Nov. 29	Drlg 7 7/8" hole 0' to 788'.
Nov. 30	Drlg 7 7/8" hole 788 to 1000'. Picked up 12 1/4" bit and reamed 0 to 203'. Ran 190' 8 5/8" surf csg., set @ 203' K.B. w/130 axs cement 2% CaCl. Plug down @ 1:00 p.m. W.O.C.
Dec. 1	Drlg 1000 to 2240'.
Dec. 2	Drlg 2240 to 3091'.
Dec. 3	Drlg 3091 to 3516'.
Dec. 4	Drlg 3516 to 3656'.
Dec. 5	Drlg 3656 to 3936'.
Dec. 6	Drlg 3936 to 4238'.
Dec. 7	Drlg 4238 to 4466'.
Dec. 8	Drlg 4466 to 4620'.
Dec. 9	Drlg 4620 to 4890'.
Dec. 10	Drlg 4890 to 5068'. Strap pipe on trip @ 5038' Apply 4' uphole correction. 5069 = 5065' corrected.
Dec. 11	Drlg 5068 to 5223'.
Dec. 12	Drlg 5223 to 5347'.
Dec. 13	Drlg 5347 to 5469'.
Dec. 14	Drlg 5469 to 5575'.
Dec. 15	Drlg 5575 to 5695'.
Dec. 16	Drlg 5695 to 5822'.
Dec. 17	Drlg 5822 to 5921'.
Dec. 18	Drlg 5921 to 6011'.
Dec. 19	Drlg 6011 to 6070'.
Dec. 20	Drlg 6070 to 6171'.
Dec. 21	Drlg 6171 to 6175'. Began Core #1 @ 6175' Cored 6175 to 6219'.
Dec. 22	Cored 6219 to 6225'. Drlg 6225 to 6288' T.D.
Dec. 23	Ran Schlum Induction E.S. & Gr-Sonic.

Davis Oil Co., #1 Superior-Havajo, San Juan County, Utah

BIT RECORD

1.	7 7/8"	Smith	DT-1	0- 275'	275'	8	hours.
1.	"	"	"	275- 334'	59'	1 1/2	"
2.	"	"	K2P	334-1000'	666'	12	"
RR	"	"	DT	-1280'	280'	4 3/4	"
3.	"	"	DT	-2118'	83 8	9 1/2	"
4.	"	"	DT	-2502'	384'	9 3/4	"
5.	"	"	DT	-3091'	589'	12	"
6.	"	HTC	OSC-1G	-3516'	425'	11 1/2	"
7.	"	Smith	DT2G	-3656'	140'	12 1/4	"
8.	"	HTC	OSC-1G	-3856'	200'	12 1/2	"
9.	"	Smith	DT2G	-4113'	257'	14 1/2	"
10	"	HTC	OSC-1G	-4313'	200'	14	"
11	"	Smith	DT2G	-4550'	237'	15 1/2	"
12	"	HTC	OSC-1G	-4742'	192'	13 1/2	"
13	"	Smith	DT2G	-4915'	173'	13 1/2	"
14	"	HTC	OSC-1G	-5038'	123'	10 1/2	"
15	"	"	OSC	-5164'	127'	11 1/4	"
16	"	Smith	SV2	-5223'	58'	5 3/4	"
17	"	HTC	OWV	-5337'	114'	12	"
18	"	Smith	K2P	-5364'	27'	3	"
19	"	HTC	OWV	-5418'	52'	7	"
20	"	Smith	C2J	-5488'	70'	8 1/4	"
21	"	HTC	OWL	-5534'	46'	6	"
22	"	Smith	C-2	-5614'	80'	11 1/2	"
23	"	Smith	"	-5695'	81'	10 1/2	"
24	"	"	"	-5778'	83'	11	"
25	"	"	"	-5862'	84'	12 1/4	"
26	"	HTC	OWL	-5947'	85'	13	"
27	"	Smith	C-2	-5989'	42'	6	"
28	"	"	T-2	-6022'	33'	7 1/2	"
29	"	HTC	W7	-6036'	14'	3	"
30	"	Smith	L-4	-6070'	34'	6	"
31	"	HTC	OWC	-6163'	93'	14	"
32	"	Smith	(RR)	-6175'	12'	3	"
33	"	Chris	Dia.	6175-6225'	50'	18	"
34	"	Smith	C-2	6225-6288'	63'	7 1/4	"



Davis Oil Co., #1 Superior-Navajo, San Juan County, Utah

MUD RECORD

Date	Depth	Wt.	Vis.	Gels	P.H.	Wtr loss	Cake in 32s	Salt	Sand
Dec. 4	3616'	8.9	32	0-0	11.0	10.8	2	600	1/4
Dec. 5	3825'	9.4	36	"	11.0	4.6	1	600	1/4
Dec. 7	4405'	9.3	32	"	10.5	12.0	1	600	1/8
Dec. 8	4847'	9.4	34	"	12.5	10.8	1	600	1/8
Dec. 12	5291'	9.6	30	0-3	12.5	10.4	1	500	M1
Dec. 13	5418'	9.5	32	0-0	11.0	8.2	1	450	1/8
Dec. 15	5658'	9.7	31	0-0	12.0	10.4	1	450	1/3
Dec. 18	5970'	9.7	31	0-0	11.8	10.6	2	400	M1
Dec. 19	6028'	9.8	30	0-0	11.5	8.6	2	450	M1
Dec. 20	6168'	10.0	38	2-12	11.0	15.8	2	510	1/4

STRAIGHT HOLE SURVEYS

Dec. 1	1250'	1/4 degree
Dec. 2	3050'	1/2
Dec. 3	3516'	1/4
Dec. 9	4742'	3/4

PLUGGING PROCEDURE

1.	6000' up to 5900'	100'	33 sxs	Across upper Ismay
2.	5150' up to 5030'	120'	40 sxs	Across Hermosa
3.	3250' up to 3150'	100'	33 sxs	Across DeChelly
4.	2100' up to 2000'	100'	33 sxs	Across Chinle
5.	228' up to 178'	50'	18 sxs	25' in & 25' out of 8 5/8"
6.	12' up to 0'	15'	5 sxs	Top 8 5/8" w/marker

Verbal approval granted @ 11:45 a.m. Dec. 23 from Mr. Dick Krahle,  
U.S.G.S., Farmington, N. Mexico.

(SUBMIT IN TRIPLICATE)

Indian Agency Window Rock

0			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Contract

Case No. 14-20-603-369

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	XX		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Davis Oil Co., #1 Superior-Navajo

December 23, 1963

Well No. 1 is located 660 ft. from N line and 660 ft. from W line of sec. 15

NW 15 42S 24E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5539 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The No. 1 Superior-Navajo will be plugged as follows:

1. 6000' up to 5900' 100' 33 sxs Across upper Ismay
2. 5150' up to 5030' 120' 40 sxs Across Hermosa
3. 3250' up to 3150' 100' 33 sxs Across DeChelly
4. 2100' up to 2000' 100' 33 sxs Across Chinle
5. 228' up to 178' 50' 18 sxs 25' in & 25' out of 8 5/8"
6. 12' up to 0' 15' 5 sxs Top 8 5/8" w/marker

Location to be cleaned up and restored to good order. Reserve pit is presently fenced.

Verbal approval granted @ 11:45 a.m. Dec. 23 from Mr. Dick Krah1, U.S.G.S. Farmington, N. Mexico.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Davis Oil Co.

Address 1020 Midland Savings Bldg.

Denver, Colo.

By Paul R. Buehler  
Paul R. Buehler

Title Consulting Geologist

**Contract v**

# LOG OF OIL OR GAS WELL

## LOCATE WELL CORRECTLY

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

Title Paul R. Buehler  
Consulting Geologist

Commenced drilling Nov 29, 1963 Finished drilling December 23, 1963

(Denote gas by  $G$ )

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_  
 \_\_\_\_\_  
**IMPORTANT WATER SANDS**  
 No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
**GOING RECORD**

## GAMING RECORD

[illegible]

## MUDDING AND CEMENTING RECORD

[illegible]

## PLUGS AND ADAPTERS

Heavy: plus—Material ..... Length ..... Depth set .....

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

## TOOLS USED

Rotary tools were used from 0 feet to 6302 L.D. feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

		<b>DATES</b>	12-23-63	P4A
	19_____	Put to producing	_____	19_____

The production for the first 24 hours was ----- barrels of fluid of which -----% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

Circle "A" Drilling Co.	Driller	Driller
105 N. Main		
Encinitas, San Diego	Driller	Driller

# FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
SEE GEOLOGICAL REPORT ATTACHED			
FROM—	TO—	TOTAL FEET	FORMATION

**FORMATION RECORD—Continued**

16-43094-5

-----  
 I WASH OR PERMIT TO PROSPECT  
 SERIAL NUMBER 14-20-33-369  
 U.S. LAND OFFICE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

# LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A 10x10 grid with a small black dot in the top right corner and the number '35' in the center.

The summary on this page is for the condition of the well at above date.

Date \_\_\_\_\_

Signed \_\_\_\_\_

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Location - Sec. 18 T. 2 N. R. 2 E. of Line and ft. [ ] of [ ] E. of [ ]  
Elevation 200 ft.  
(Correct location)

County \_\_\_\_\_ State \_\_\_\_\_ Field \_\_\_\_\_ Address \_\_\_\_\_

Title \_\_\_\_\_

**OIL OR GAS SANDS OR ZONES**

(Derote das py G)

[illegible]

# HISTORY OF OIL OR GAS WELL

[illegible]

MUDDING AND CEMENTING RECORD	
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[illegible]

## PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

ЖАРАМ | ДЛОЖ

# DAVIS OIL COMPANY

OIL  
PRODUCERS

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661

511 - 5TH AVENUE  
NEW YORK 17, N. Y.

CASPER, WYOMING

December 26, 1963

Mr. Cleon B. Feight  
Oil and Gas Conservation Commission  
310 Newhouse Building  
10 Exchange Place  
Salt Lake City 11, Utah

RE: Davis Oil Company  
#1 Superior Navajo  
NW NW Section 15-42S-24E, SLM  
San Juan County, Utah

Dear sir;

In reference to the above captioned well, enclosed please find the following, for your files:

1. One copy of our Notice of Intention to Abandon.
2. One copy of the Log of Oil or Gas well.
3. Two Geological Reports.

Thank you.

Very truly yours,

DAVIS OIL COMPANY

*Paul Messinger*  
Paul Messinger  
Exploration Manager

PM/ek  
Enclosures.

December 27, 1963

MEMO FOR FILING

Re: Davis Oil Company  
Well No. Superior Navajo #1  
Sec. 15, T. 42 S., R. 24 E.  
San Juan County, Utah

On December 23, 1963 verbal approval was given to Mr. Paul Bular to plug and abandon the above mentioned well in the following manner.

1. 6000'-5900' across upper Ismay
2. 5150'-5030' across the Hermosa
3. 3250'-3150' across the DeChelly sand
4. 2100'-2000' across the Chinle
5. 228'-178' half in and half out of the 8 5/8" surface casing set at 203'
6. Marker will be installed with 5 sacks of cement at the surface.

The following tops were encountered while drilling to the total depth of 6302':

1290' Navajo (Tight - no water)  
1626' Wingate (Tighter than the Navajo)  
2030' Chinle  
2742' Shinarump (Although conglomeratic--formation was tight on logs)  
2980' Moenkopi (Tight on logs)  
3200' DeChelly  
3430' Organ Rock  
5080' Hermosa  
5946' Upper Ismay  
6065' Lower ismay  
6112' Paradox shale  
6137' Desert Creek

No **DET's** were taken, however, a core was made at 6189'-6239' in the Desert Creek zone which contained a small amount of hydrocarbon odor but no porosity. The above plugging program was in accordance with the U. S. G. S.

PAUL W. BURCHELL  
CHIEF PETROLEUM ENGINEER

PWB:cnp

cc: H. L. Coonts, Petroleum Engineer  
Oil & Gas Conservation Commission  
Moab, Utah

# DAVIS OIL COMPANY

1020 MIDLAND SAVINGS BLDG. • DENVER 2, COLORADO • Alpine 5-4661

511 - 5TH AVENUE  
NEW YORK 17, N. Y.

CASPER, WYOMING

March 11, 1964

Mr. P. T. McGrath  
United States Geological Survey  
P. O. Box 959  
Farmington, New Mexico

RE: Davis Oil #1 Superior Navajo  
NW NW Section 15-42S-24E, SLM  
San Juan County, Utah

Dear sir;

Enclosed please find an original and four copies of our Subsequent Report of Abandonment, for your approval on the subject well.

Thank you.

Very truly yours;

DAVIS OIL COMPANY

ORIGINAL SIGNED  
BY E. L. KARN, JR.

E. L. Karn, Jr.  
Production Manager

ELK/ek  
Encls.

CC- Utah O&G Commission, 310 Newhouse Bldg. SLC 11, Utah (2)